

ABSTRACT

- A process for removing an aqueous slurry suspension comprising a blast medium and coating substance residues which produced when cleaning surfaces which
- 5 have a corrosion protection coating. The process, which is particularly applicable to ships and industrial facilities, involves the steps of
- a) suctioning the aqueous slurry suspension by means of an air feed into a receiving tank which has an outside pressure to tank vacuum ratio of more than 1:0.52;
 - 10 b) diluting the suspension with water;
 - c) continuous feeding of the diluted suspension by means of a pump overcoming a height differential > 5 meters;
 - d) separating the solids from the water by means of sedimentation in a settling tank; and
 - 15 e) recycling the separated water.

Suctioning of the aqueous slurry suspension is by means of air into receiving a tank which has a vacuum of at least 0.5 bar with respect to atmospheric pressure, in combination with a pump which continuously feeds the water-diluted suspension over a height differential > 5meters.